

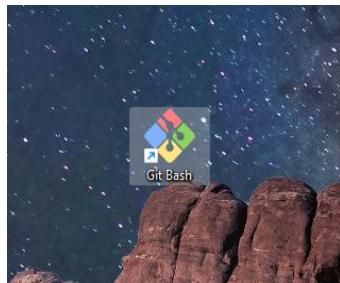
## Практична робота 1.1

**Тема:** Встановлення Git та налаштування GitHub репозиторію.

**Мета:** Ознайомитися з інструментами Git і GitHub, налаштовувати локальний Git репозиторій та створити новий репозиторій на GitHub.

### Завдання:

1. Встановлення Git



2. Перевірка роботи Git

A screenshot of a terminal window titled "MINGW64:/c/Users/ls200". The window shows the following command-line session:

```
ls200@DESKTOP-5KG4I3T MINGW64 ~
$ git --version
git version 2.52.0.windows.1

ls200@DESKTOP-5KG4I3T MINGW64 ~
$ git config --global user.name ''ls200''

ls200@DESKTOP-5KG4I3T MINGW64 ~
$ git config --global user.email ''ls200205182@gmail.com''

ls200@DESKTOP-5KG4I3T MINGW64 ~
$ |
```

The terminal is set against a desktop background of a starry night sky and red rock formations.

3. Налаштування глобальних параметрів, створення локального репозиторію

```
Windows PowerShell
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PS C:\Users\ls200\OneDrive\Desktop> mkdir my-first-repo

Directory: C:\Users\ls200\OneDrive\Desktop

Mode                LastWriteTime         Length Name
----                <-----              ----- 
d----       04.12.2025      21:27          my-first-repo

PS C:\Users\ls200\OneDrive\Desktop> cd my-first-repo
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git init
Initialized empty Git repository in C:/Users/ls200/OneDrive/Desktop/my-first-repo/.git/
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git remote add origin https://github.com/
   /my-first-repo.git
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo>

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PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> echo "# My First Repo" > README.md
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git add README.md
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git commit -m "Initial commit"
[master (root-commit) ae41bf8] Initial commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 244 bytes | 122.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/           /my-first-repo.git'
PS C:\Users\ls200\OneDrive\Desktop\my-first-repo> |
```

4. Налаштування віддаленого репозиторію на GitHub (наступна сторінка)

A screenshot of a GitHub profile page for a user named Lena3343. The profile picture is a stylized pink and white geometric logo. The bio section says "Lena3343" and "Edit profile". Below the bio, it shows "Joined 34 minutes ago". The main area displays "Popular repositories" with one entry: "my-first-repo" (Public). A "Contribution activity" chart shows 2 contributions in the last year, with a grid for each month from Dec to Nov. The chart indicates contributions on Mon, Wed, and Fri. A legend at the bottom right shows "Less" (light green) and "More" (dark green). A "Contribution settings" dropdown is visible.

A screenshot of the GitHub search results for the repository "my-first-repo" (Public). The search bar contains "Find a repository...". The repository card includes the name "my-first-repo", its status as "Public", and the last update time "Updated 34 minutes ago". To the right of the repository card are "Type" and "Sort" dropdowns, and a green "New" button. Below the repository card is a "Star" button.

A screenshot of the repository details page for "my-first-repo". It shows the README file content. The README file contains the text "My First Repo".

A screenshot of the file preview for "README.md". The preview shows the content "My First Repo".

### **Запитання для самоперевірки:**

**1. Які команди використовуються для налаштування імені та електронної пошти в Git?**

git config --global user.name "Ваше Ім'я"

git config --global user.email "ваш.email@domain.com"

**2. Як створити та підключити віддалений репозиторій до локального?**

Через кнопку New Repository → ввести назву → Create Repository

git remote add origin https://github.com/username/repository-name.git

**3. Яка команда використовується для відправки змін у**

**віддалений репозиторій?**

git push -u origin

master git push -u

origin main